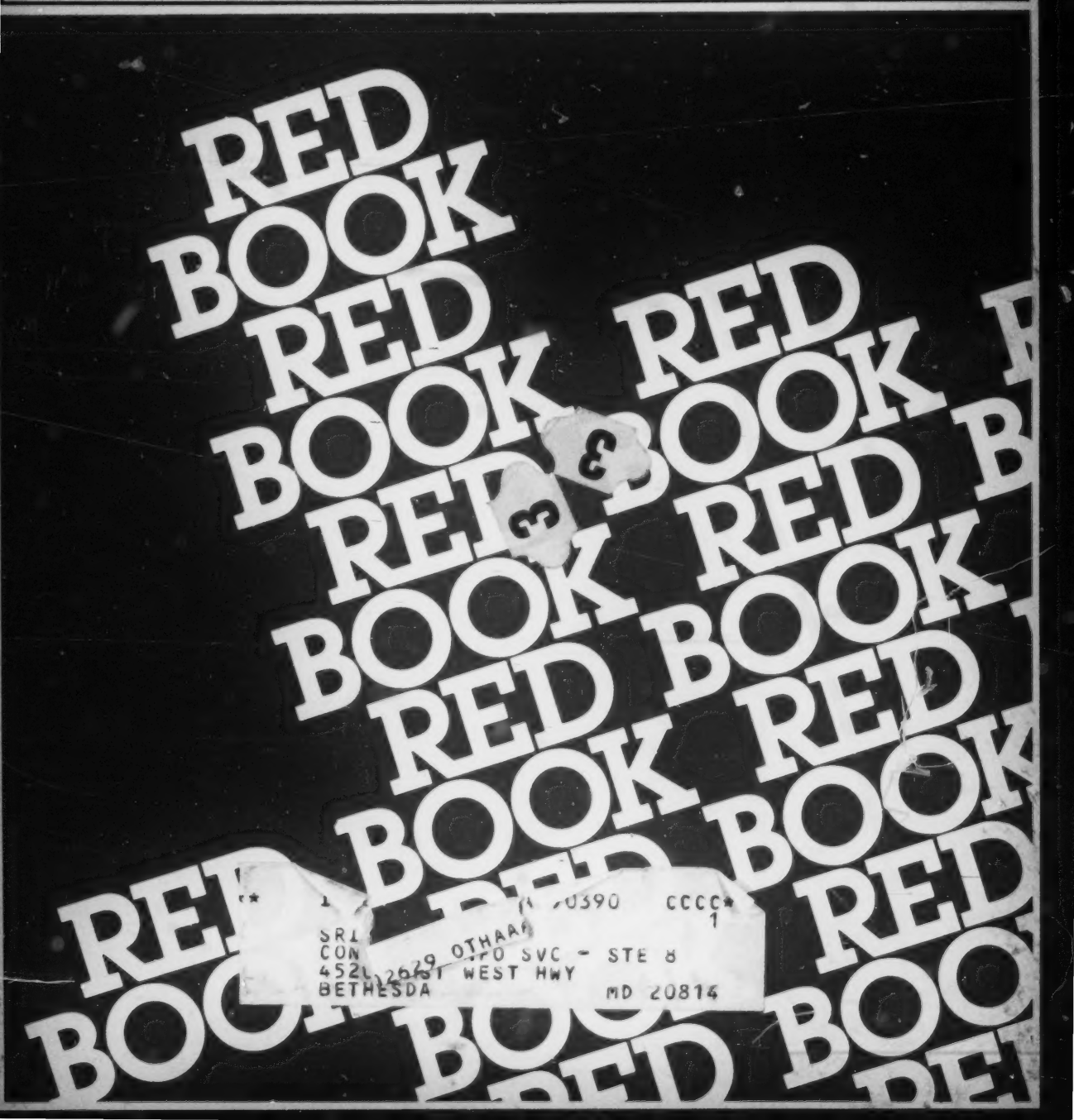
Implement & Tractor

The business magazine of the farm and industrial equipment industry

March 31, 1989



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March 31, 1989 • Vol. 104 • No. 4

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Implement &Tractor

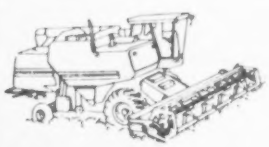
Advertiser's Index 264

Agricultural Tractors and Power Units

Ten-Year Summary of Test Reports, 1979-1988 6
Agricultural Crawler Tractors 18
Agricultural Wheel Type Tractors:
Four-Wheel Drive 22
Two-Wheel Drive, With or Without Front Drive Option 28
Engines, Agricultural & Industrial, 45 CID and Larger 63

Forage Harvesting

Forage Harvesters, Cylinder and Flywheel Types 92
Forage Harvesters, Flail Cutter Type 94

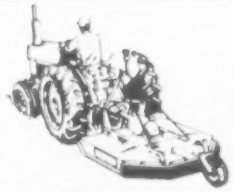


Grain and Hay Harvesting

Combines, Pull Type 96
Combines, Self-Propelled 97
Hay Balers, Big Package 102
Hay Balers, Conventional Size Bale 105
Hay Mowers, Drum and Disc Types 107
Windrowers and Mower Conditioners, Pull Type 110
Windrowers and Mower Conditioners, Self-Propelled 112

Material Handling

Feeding:
Feed Grinder-Mixers 115
Hay Tub Grinders 116
Wagons, Feed Mixer 116
Forage, Grain and Hay Handling:
Crop Drying Equipment 120
Elevators, Auger Type 128
Elevators, Belt and Chain Types 135
Forage Blowers 139
Pneumatic Grain Conveyors 140
Wagons, Auger Unloading 143
Wagons, Forage and Cross Conveyor 145
Loaders:
Skid Steer, Self-Propelled 147
Tractor Front Mounted 153
Manure Spreaders 164



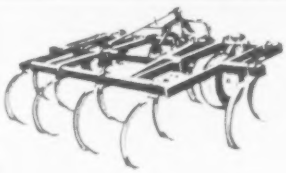
Mowing and Shredding

Flail Cutters 170
Roadside Mowers, Boom and Sidearm Mounted 174
Rotary Cutters 177

Planting, Fertilizer and Chemical Application

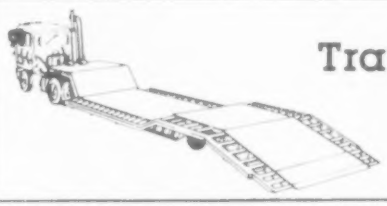
Drills/Seeders 188
Fertilizer and Chemical Applicators/ Broadcast Seeders 191
Liquid Herbicide Applicators 196
Planters 197
Sprayers, Air Mist 200
Sprayers, Hydraulic 206

73rd annual **Red Book** issue



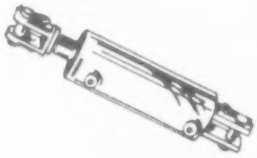
Tillage

Cultivators, Field 216
Cultivators, Row Crop 221
Harrows, Disk 226
Power Harrows 233
Rotary Tillers 233



Transport

Gooseneck Trailers 239
Pull Trailers (4 Ton and over) 242
Semi Trailers 243



Hydraulic Components

Control Valves 246
Couplings, Self-Sealing 249
Cylinders 254
Motors 257
Pumps 261

Abbreviations:
DNA – Does not apply.
NA – Not available.
Std. – Standard.
Opt. – Optional
Linear measurements may be to nearest ¼-inch.

For addresses of manufacturers whose products are listed in this edition, refer first to advertiser's index and obtain address from advertisement. For non-advertisers and companies that do not show an address on their advertisement, refer to company name and address listing in I&T PRODUCT FILE (Annual October 31 issue).

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Ten-Year Summary of Test Reports, 1979-1988

Nebraska Tractor Test Results, normally published in each edition of RED BOOK, are not included in this edition and are replaced by the latest Ten-Year Test Result Summary. An explanation seems in order.

The Nebraska Tractor Test Law originated in 1919 for the purpose of verifying advertising claims on tractors offered for sale to Nebraska farmers. Its previous position as the only independent test laboratory in the U.S. devoted to the evaluation of tractor performance proved of unique value to the industry.

Other nations require third-party testing of tractors, and in the past, several nations with no test program had accepted Nebraska test results. Recently, however, more countries have built their own test facilities or adopted the test procedures of the Organization for Economic Cooperation and Development (OECD). OECD tests are similar to, but not exactly the same, as the SAE/ASAE procedures followed at Nebraska.

Manufacturers generally agree that tractors should be tested in their country of manufacture. For most of them, that would involve tests in Britain, France, Italy, Japan, West Germany and the U.S.

The additional costs associated with duplicate testing have caused some manufacturers to suspend sales of certain models in Nebraska rather than pay the extra cost.

In 1985 industry representatives began an effort to gain recognition for OECD tests in the U.S. The Farm and Industry Equipment Institute (FIEI) was subsequently named the "Designated Authority" for OECD testing. When the FIEI task force began considering possible tractor test organizations other than the University of Nebraska, the Nebraska legislature in early 1986 passed a law to accept results of either the current SAE/ASAE or OECD tractor tests.

Since no Nebraska tests were conducted in 1987 and very few in 1988 and given the ongoing changes and confusion in the current testing procedures, we have decided to forego publishing OECD test results in place of the Nebraska tests until such time an agreement can be reached among the farming and industry communities as to accepted testing procedures.

In lieu of current tests results, we are again publishing the Ten-Year Test Result Summary. This summary includes the most recent data available through the 1988 year and should provide additional, much needed information.

Ten-Year Summary of Test Reports, 1979-1988

MAKE AND MODEL OF TRACTOR	Test No.	Fuel Used	Weight With Ballast	Lbs. Ballast Carried	ENGINE No. of Cylinders	ENGINE Bore and Stroke	ENGINE Displacement Cu. in.	ENGINE Rated RPM	Max. PTO HP at Rated Engine RPM	Std. PTO RPM	Max. PTO HP Std. PTO RPM	Max. Drawbar HP	MPH at Max. Dwbr. HP	Max. Lbs. Pull	FUEL CONSUMPTION (HP Hours Per Gallon) at:- Max. PTO HP at Std. PTO RPM	PTO Average at Varying Power	—Varying Drawbar Power— Max. Available Power	75% of Pull Max. Power	50% of Pull at Max. Power
Allis-Chalmers																			
6060 8 Speed	1397	Die	8945	2480	4	3.876x4.25	200	2300	63.83	540	64.90	52.24	4.83	6846	16.26	12.07	13.27	11.99	10.10
6070	1545	Die	10515	3055	4	3.875x4.25	200	2300	70.78	540	71.01	59.56	7.90	7997	16.45	12.60	13.38	12.30	10.40
6080 12 Speed	1398	Die	11790	4200	4	3.876x4.25	200	2300	83.66	1000	74.49	72.32	5.74	9003	15.70	13.14	14.27	12.81	10.93
6140	1445	Die	6195	1735	3	3.858x4.055	142	2500	41.08	541	38.04	33.97	5.20	4768	13.47	10.20	10.87	10.25	8.88
7010PD 20 Speed	1345	Die	12790	1530	6	3.875x4.25	301	2300	106.53	1000	107.52	91.44	6.05	9426	15.48	11.57	12.59	11.48	9.68
7010PS 12 Speed	1346	Die	12740	1365	6	3.875x4.25	301	2300	106.72	1000	106.33	91.61	6.11	9516	15.43	11.74	12.43	11.35	9.58
7045 Powershift	1308	Die	18980	4390	6	4.25x5.00	426	2300	146.88	1000	146.67	127.61	6.92	15449	14.92	11.32	12.58	11.71	9.62
8010 Powershift	1446	Die	13185	555	6	3.875x4.25	301	2300	107.38	1000	109.55	93.01	6.16	9102	15.01	11.49	12.57	11.48	9.54
8030 Powershift	1447	Die	17100	2085	6	4.25x5.00	426	2300	133.75	1000	134.42	116.65	6.35	13348	15.25	11.78	12.93	11.87	10.00
8050 Powershift	1448	Die	19380	4075	6	4.25x5.00	426	2300	152.40	1000	155.15	134.13	4.89	16728	15.88	12.51	13.71	12.73	10.80
8070 Powershift	1449	Die	22370	5520	6	4.25x5.00	426	2400	170.72	1000	171.44	147.29	5.87	18777	16.48	12.81	13.67	12.59	10.64
Belarus																			
1500 12 Speed	1333	Die	19885	1120	6	5.118x4.528	558	2100	168.76	1000	169.63	151.96	5.31	19311	16.48	13.69	14.53	13.98	12.25
7100 16 Speed	1334	Die	32460	0	12	5.118x5.512	1360	1900	269.62	1003	269.62	259.46	4.78	30845	15.85	13.26	14.82	14.35	12.56
Big Bud																			
525/50 9 Speed	1400	Die	51920	0	6	5.25x6.25	1150	2100	—	—	—	421.49	5.64	42216			14.87	13.97	12.01
Case																			
1190 Manual	1378	Die	6780	2160	3	3.939x4.500	165	2200	43.09	540	38.54	36.60	7.60	4620	14.99	13.09	12.22	12.59	11.39
1290 Manual	1379	Die	9320	2750	4	3.939x4.000	195	2200	53.73	540	47.80	46.41	4.97	6851	15.20	13.34	12.41	12.90	11.68
1390 Manual	1380	Die	9780	3160	4	3.939x4.500	219	2200	60.59	1000	58.40	52.16	4.92	7348	15.58	13.36	12.89	13.24	11.77
1490 Manual	1381	Die	11305	3600	4	3.939x4.500	219	2200	70.51	1000	68.75	60.45	5.63	8340	17.18	13.62	13.82	13.00	11.25
1490 Powershift	1382	Die	11060	2635	4	3.939x4.500	219	2200	70.91	1000	70.48	61.56	6.76	8405	16.42	12.36	13.12	12.01	10.20
1594 Synchro	1546	Die	11100	1755	6	3.939x4.500	329	2300	85.90	1000	80.83	73.54	5.29	8331	17.04	14.04	14.26	13.56	11.99
1594 Powershift	1547	Die	11210	1745	6	3.939x4.500	329	2300	85.54	1000	81.94	70.59	5.47	8198	16.86	13.52	13.59	13.10	11.45
1690 Manual	1383	Die	12470	3715	6	3.939x4.500	329	2300	90.39	1000	87.76	78.08	4.27	10536	15.95	13.95	13.20	13.50	12.28
1896 Powershift	1548	Die	13925	430	6	4.016x4.724	359	2100	95.92	997	95.92	86.45	4.77	12357	16.71	12.94	14.82	13.65	11.34
2090 Manual	1304	Die	15030	3120	6	4.625x5.000	504	2100	108.74	998	108.74	95.31	7.10	11655	15.40	12.23	13.41	12.69	10.73
2094 Powershift	1525	Die	14750	560	6	4.625x5.000	504	2100	110.50	998	110.50	100.12	6.34	11910	15.40	12.26	13.81	12.93	11.27
2096 Powershift	1549	Die	14940	760	6	4.016x4.724	359	2100	115.67	998	115.67	101.40	6.37	12915	17.38	14.01	15.21	13.92	11.95
2294 Powershift	1526	Die	15670	1280	6	4.625x5.000	504	2100	131.97	998	131.97	116.38	6.31	13017	14.86	11.82	13.11	12.21	10.51
2390 Powershift	1302	Die	18710	3120	6	4.625x5.000	504	2100	160.72	1002	160.72	146.01	6.59	16020	15.23	12.41	13.20	12.66	10.99
2394 Powershift	1527	Die	18595	2355	6	4.625x5.000	504	2100	162.15	1002	162.15	142.07	5.53	15497	15.46	12.70	13.42	12.71	11.04
2590 Powershift	1303	Die	20500	4760	6	4.625x5.000	504	2100	180.38	1003	180.38	159.01	6.57	17865	15.53	12.97	13.42	13.03	11.67
2594 Powershift	1529	Die	19790	3570	6	4.625x5.000	504	2100	182.07	1002	182.07	161.96	6.40	16874	15.22	12.88	13.37	12.94	11.63
3294 Powershift	1528	Die	17980	0	6	4.625x5.000	504	2100	162.63	998	162.63	143.68	5.75	16242	15.32	12.58	13.55	12.76	11.13
4490	1328	Die	22450	1610	6	4.625x5.000	504	2200	175.20	1000	175.20	153.30	5.65	21400	15.27	12.36	13.30	12.52	10.87
4690	1329	Die	25230	2920	6	4.625x5.000	504	2200	219.62	1000	219.62	195.60	5.97	24564	15.26	12.76	13.39	12.84	11.21
4890	1330	Die	28460	2710	6	5.00x5.71	673	2200	253.41	1000	253.41	224.81	5.96	27627	16.32	13.02	14.19	13.27	11.36
4994 Powershift	1530	Die	39930	8615	8	5.00x5.51	866	2100	344.04	991	344.04	306.43	7.20	34519	17.03	13.81	14.67	13.87	12.18
Case IH																			
685	1604	Die	8845	3010	4	3.875x5.06	239	2400	61.02	540	58.80	54.63	5.42	7207	14.76	11.56	12.66	11.86	9.95
2394 Powershift	1582	Die	18630	2230	6	4.675x5.00	504	2100	162.92	1002	162.92	148.98	5.12	17425	15.81	13.02	14.36	13.56	11.89
3394 Powershift	1583	Die	18610	2810	6	4.625x5.00	504	2100	162.86	1002	162.86	144.82	5.08	17421	15.39	12.59	13.51	12.48	10.55
3594 Powershift	1584	Die	20500	2910	6	4.625x5.00	504	2100	182.27	1002	182.27	165.12	5.07	20384	15.45	13.05	13.70	12.91	11.20
John Deere																			
750 8 Speed	1504	Die	2150	155	3	3.15x3.35	78.2	2400	18.54	540	19.80	15.73	6.41	1661	15.06	11.61	12.48	11.53	9.83
1050	1327	Die	4140	730	3	3.54x3.54	105	2400	33.41	540	33.42	28.15	5.27	3466	15.46	12.36	12.34	11.99	10.13

Ten-Year Summary of Test Reports, 1979-1988

MAKE AND MODEL OF TRACTOR	Test No.	Fuel Used	Weight With Ballast	Lbs. Ballast Carried	ENGINE No. of Cylinders	Bore and Stroke	Displacement Cu. in.	Rated RPM	Max. PTO HP at Rated Engine RPM	Std. PTO RPM	Max. PTO HP Std. PTO RPM	Max. Drawbar HP	MPH at Max. Dwbr. HP	Max. Lbs. Pull	Max. PTO HP at Std. PTO RPM	FUEL CONSUMPTION (HP Hours Per Gallon) at:- PTO Average at Varying Power	—Varying Drawbar Power— Max. Available Power	75% of Pull Max. Power	50% of Pull at Max. Power
1250	1437	Die	5180	90	3	3.74x4.33	143	2500	40.70	540	40.98	34.01	5.39	3750	17.00	13.56	13.90	12.71	10.68
1450 9 Speed	1505	Die	6570	1340	4	3.74x4.33	190	2400	51.39	540	50.93	43.79	7.68	5321	17.60	14.01	14.74	13.67	11.64
1650 9 Speed	1506	Die	7785	2435	4	3.74x4.33	190	2300	62.22	540	62.70	54.06	7.79	6572	18.81	15.53	15.96	14.97	12.95
2040 8 Speed	1350	Die	6500	1465	3	4.19x4.33	179	2500	41.25	540	40.53	33.31	5.63	4873	15.62	11.73	12.02	11.35	9.03
2040 8 Speed TSS (1)	1393	Die	6040	265	3	4.19x4.33	179	2500	40.44	540	40.22	33.21	5.16	5541	14.87	10.93	11.69	10.71	8.76
2150 16 Speed	1469	Die	5930	820	3	4.19x4.33	179	2500	46.47	540	46.13	38.69	6.98	4875	14.77	11.15	11.88	11.24	9.47
2240 8 Speed TSS (1)	1394	Die	6205	310	3	4.19x4.33	179	2500	50.90	540	49.20	42.13	5.08	5777	15.32	11.75	11.98	11.45	9.78
2350 16 Speed	1470	Die	7190	380	4	4.19x4.33	239	2500	56.18	540	55.69	47.53	6.77	5688	15.67	11.66	12.96	11.87	9.87
2550 16 Speed	1471	Die	8485	1575	4	4.19x4.33	239	2500	65.94	540	65.53	56.24	6.22	6979	15.42	11.85	12.83	12.09	10.10
2750 16 Speed	1472	Die	9625	2125	4	4.19x4.33	239	2500	75.35	540	75.07	63.98	4.75	7581	16.11	12.29	13.13	12.37	10.51
2755	1605	Die	9715	1170	4	4.19x4.33	239	2300	76.57	1000	77.63	66.05	5.18	7498	17.82	14.04	14.87	14.19	12.14
2940 16 Speed	1351	Die	10650	1215	6	4.19x4.33	359	2500	81.17	1000	81.46	67.98	4.64	7601	15.91	11.73	12.81	11.91	9.91
2950 16 Speed	1473	Die	11045	945	6	4.19x4.33	359	2500	85.37	1000	85.50	73.30	6.57	8768	16.33	12.21	13.58	12.45	10.53
2955	1606	Die	11150	130	6	4.19x4.33	359	2300	86.22	1000	85.54	74.20	5.42	9971	17.41	13.63	14.82	13.79	11.64
3150	1589	Die	12300	355	6	4.19x4.33	359	2400	96.06	997	96.06	83.04	5.64	10507	16.45	13.09	14.23	13.34	11.21
4040 Syncro Range	1359	Die	12090	1600	6	4.25x4.75	404	2200	90.31	1002	90.31	77.04	8.14	9035	13.87	10.85	11.68	11.29	9.70
4040 Powershift	1360	Die	12080	1590	6	4.25x4.75	404	2200	90.79	1000	90.88	78.54	4.45	9195	13.54	10.79	11.50	11.35	9.55
4050 Quad	1474	Die	13005	835	6	4.57x4.75	466	2200	101.49	1002	101.49	92.05	6.49	10331	15.12	11.72	13.44	12.54	10.64
4050 Quadrange	1590	Die	13670	1280	6	4.19x4.33	359	2200	105.89	1003	105.89	96.35	5.86	11381	17.23	13.60	15.34	14.25	12.13
4050 Powershift	1457	Die	13030	310	6	4.57x4.75	466	2200	100.95	1002	100.95	88.75	7.88	11058	15.08	11.59	12.60	11.69	9.65
4050 Powershift	1591	Die	13685	1000	6	4.19x4.33	359	2200	105.69	1003	105.69	91.64	8.51	11378	17.40	13.78	14.61	13.47	10.99
4240 Syncro Range	1361	Die	14240	2430	6	4.56x4.75	466	2200	110.81	1002	110.81	95.40	4.90	12240	14.17	11.08	12.00	11.47	9.81
4240 Powershift	1362	Die	14260	2440	6	4.56x4.75	466	2200	111.06	1000	111.43	95.65	4.51	12450	14.39	11.25	12.13	11.65	10.13
4250 Quad	1475	Die	14990	1620	6	4.57x4.75	466	2200	120.21	1002	120.21	108.77	5.71	12858	15.70	12.21	13.90	12.82	10.64
4250 Powershift	1458	Die	14970	1115	6	4.57x4.75	466	2200	120.86	1002	120.86	105.11	8.36	12802	15.78	12.33	13.44	12.08	10.17
4440 Powershift	1357	Die	15775	2655	6	4.57x4.75	466	2200	130.41	1010	130.41	114.16	4.53	13738	15.32	11.83	13.15	12.22	10.60
4450 Quad	1476	Die	16680	2380	6	4.57x4.75	466	2200	140.33	1002	140.33	125.18	5.01	15069	16.36	13.08	14.42	13.45	11.61
4450 Quad (2)	1476	Die	16760	2005	6	4.57x4.75	466	2200	140.33	1002	140.33	126.34	5.37	16278	16.36	13.08	14.68	—	—
4450 Powershift	1459	Die	16745	1795	6	4.57x4.75	466	2200	140.43	1002	140.43	121.94	8.03	15014	16.15	12.94	13.63	12.58	10.60
4450 Powershift (2)	1459	Die	16625	1225	6	4.57x4.75	466	2200	140.43	1002	140.43	122.51	8.58	16154	16.15	12.94	13.66	—	—
4640 Powershift	1358	Die	18585	2805	6	4.57x4.75	466	2200	155.96	1000	157.01	137.04	4.81	15989	15.87	12.17	13.53	12.55	10.78
4650 Quad	1477	Die	19615	1615	6	4.57x4.75	466	2200	165.70	998	165.70	145.58	6.45	16814	16.99	13.90	14.80	13.81	12.11
4650 Quad (2)	1477	Die	19590	1150	6	4.57x4.75	466	2200	165.70	998	165.70	147.71	5.73	18931	16.99	13.90	14.93	—	—
4650 Powershift	1460	Die	19660	1075	6	4.57x4.75	466	2200	165.52	998	165.52	143.33	8.12	16746	16.96	13.78	14.25	13.15	11.31
4650 Powershift (2)	1460	Die	19740	695	6	4.57x4.75	466	2200	165.52	998	165.52	146.06	8.47	18794	16.96	13.78	14.44	—	—
4850 Powershift	1461	Die	21435	2715	6	4.57x4.75	466	2200	192.99	998	192.99	171.27	8.04	18789	17.47	14.50	14.68	13.80	12.01
4850 Powershift (2)	1461	Die	21440	2280	6	4.57x4.75	466	2200	192.99	998	192.99	172.60	4.26	20810	17.47	14.50	14.93	—	—
8440	1323	Die	26590	0	6	4.57x4.75	466	2100	179.83	993	179.83	163.26	4.97	25383	15.86	12.55	14.29	13.06	11.25
8450	1436	Die	29150	0	6	4.57x4.75	466	2100	186.98	993	186.98	175.73	4.50	26567	15.69	12.91	14.45	13.53	11.63
8640	1324	Die	28270	0	6	5.125x5.00	619	2100	228.75	993	228.75	208.38	4.63	27782	15.61	12.40	14.06	13.14	11.16
8650	1435	Die	30270	0	6	5.125x5.00	619	2100	238.56	993	238.56	221.80	5.55	28257	15.53	12.65	14.26	13.22	11.52
8850	1434	Die	37700	0	8	5.51x5.00	955	2100	303.99	996	303.99	274.25	5.23	35330	15.74	12.82	14.06	13.34	11.65
(1) With mechanical front wheel drive. (2) Supplementary test with radial ply tires.																			
Deutz																			
DX 90	1305	Die	13150	3210	5	3.94x4.72	287	2300	84.47	1000	80.82	74.19	6.53	8786	16.45	14.15	13.81	14.07	12.39
DX 110	1306	Die	14940	2360	6	3.94x4.72	345	2300	100.29	1000	93.61	90.82	7.00	11773	15.10	13.71	13.52	14.03	12.60
DX 120	1405	Die	14950	1980	6	4.02x4.92	374	2400	111.29	1000	101.90	97.41	7.32	12615	16.40	13.84	13.59	13.48	12.03
DX 130	1404	Die	17630	3690	6	4.02x4.92	374	2300	121.27	1000	121.36	105.63	4.76	14406	17.63	13.77	14.14	13.10	11.26
DX 160	1307	Die	18710	3870	6	4.02x4.92	374	2200	145.41	1000	140.99	124.81	6.41	15172	17.82	14.47	14.56	13.95	11.93
Deutz Allis																			
6260	1574	Die	8790	1530	3	4.02x4.92	187	2500	57.09	540	55.35	50.73	4.60	7270	15.47	13.20	12.95	13.46	11.63
7085	1575	Die	13660	3580	4	4.02x4.92	249	2300	85.18	1000	84.35	75.13	7.56	10502	16.89	14.03	14.40	13.76	12.00
7120	1576	Die	17595	5465	6	4.02x4.92	374	2300	122.06	1000	123.15	105.49	5.06	13633	17.15	13.63	14.20	12.98	11.36
Deutz Fahr																			
DX 3.50	1574	Die	8790	1530	3	4.02x4.92	187	2500	57.09	540	55.35	50.73	4.60	7270	15.47	13.20	12.95	13.46	11.63
DX 4.70	1575	Die	13660	3580	4	4.02x4.92	249	2300	85.18	1000	84.35	75.13	7.56	10502	17.15	13.63	14.20	12.98	11.36
DX 6.50	1576	Die	17595	5465	6	4.02x4.92	374	2300	122.06	1000	123.15	105.49	5.06	10734	16.89	14.03	14.40	13.76	12.00

Ten-Year Summary of Test Reports, 1979-1988

MAKE AND MODEL OF TRACTOR	Test No.	Fuel Used	Weight With Ballast	Lbs. Ballast Carried	ENGINE No. of Cylinders	Bore and Stroke	Displacement Cu. in.	Rated RPM	Max. PTO HP at Rated Engine RPM	Std. PTO RPM	Max. PTO HP Std. PTO RPM	Max. Drawbar HP	MPH at Max. Dwbr. HP	Max. Lbs. Pull	FUEL CONSUMPTION (HP Hours Per Gallon) at:- Max. PTO HP at Std. PTO RPM	PTO Average at Varying Power	—Varying Drawbar Power— Max. Available Power	75% of Pull Max. Power	50% of Pull at Max. Power
Ford																			
1510 (12x4) Manual	1500	Die.	3205	975	3	3.03x3.15	68.2	2800	19.72	540	20.45	16.99	6.92	1952	13.21	10.32	11.14	10.26	8.50
1510 (12x4) Synchro	1501	Die.	3200	915	3	3.03x3.15	68.2	2800	19.98	540	18.68	16.83	6.70	1900	13.50	10.29	10.97	10.27	8.57
1700	1325	Die.	3725	1110	2	3.54x3.94	77.6	2500	23.26	540	23.02	20.21	5.54	2801	13.02	11.21	10.89	11.48	10.41
1710 (12x4) Manual	1502	Die.	3510	1040	3	3.31x3.31	85.2	2700	23.88	540	22.19	21.02	7.06	2700	13.42	10.16	11.36	10.76	8.98
1710 (12x4) Synchro	1503	Die.	3530	1060	3	3.31x3.31	85.2	2700	23.79	540	22.34	21.23	5.68	3680	13.18	9.92	11.04	10.56	8.81
1900	1326	Die.	4160	1225	3	3.35x3.31	87.2	2800	26.88	540	25.68	23.49	6.20	2964	12.58	10.38	10.41	10.89	9.32
1910 (12x4) Manual	1507	Die.	4250	1270	3	3.346x3.937	103.9	2500	28.60	540	28.29	25.57	6.78	3340	12.94	10.32	11.14	10.86	9.17
1910 (12x4) Synchro	1508	Die.	4325	1285	3	3.346x3.937	103.9	2500	28.52	540	28.30	25.62	6.79	3449	12.48	10.36	10.99	10.78	9.09
2110 (12x4) Manual	1509	Die.	5105	1470	4	3.346x3.937	138.5	2500	34.79	540	34.91	30.80	7.01	3868	14.01	10.69	11.80	10.95	9.04
2110 (12x4) Synchro	1510	Die.	5110	1450	4	3.346x3.937	138.5	2500	35.11	540	35.56	31.11	6.99	3728	14.01	10.71	11.77	11.11	9.35
2610 (8x2)	1421	Die.	5940	1780	3	4.20x4.20	175	2000	36.69	540	35.14	31.45	5.52	4473	16.15	12.82	13.03	12.71	10.51
2810	1573	Die.	5935	1295	3	4.20x3.80	158	2000	32.83	540	31.82	29.14	5.88	4036	15.20	11.57	12.88	11.99	9.96
2910 (8x2)	1491	Die.	5925	1295	3	4.20x4.20	175	2000	36.62	540	35.09	30.45	5.77	4237	16.04	12.51	13.18	12.31	10.49
2910 (8x4)	1492	Die.	5955	1305	3	4.20x4.20	175	2000	36.40	540	34.75	31.03	5.68	4223	15.95	12.58	13.00	12.24	10.59
3610 (8x2)	1422	Die.	6340	2070	3	4.40x4.20	192	2000	42.26	540	40.17	36.80	5.85	4964	15.95	12.65	13.37	12.69	11.20
3610 (8x4)	1423	Die.	6340	2045	3	4.40x4.20	192	2000	42.47	540	40.01	35.57	8.55	4917	16.26	12.94	12.85	12.44	10.53
3910 (8x2)	1493	Die.	6440	1760	3	4.40x4.20	192	2000	42.62	540	40.39	37.02	5.93	4931	15.86	12.48	13.33	12.66	10.71
3910 (8x4)	1494	Die.	6435	1735	3	4.40x4.20	192	2000	42.67	540	41.16	36.22	5.85	4934	15.64	12.63	13.16	12.34	10.59
4110 (8x2)	1424	Die.	7500	2850	3	4.40x4.40	201	2200	48.33	540	42.65	41.25	4.51	5681	16.37	12.64	13.26	12.34	10.76
4110 (8x4)	1425	Die.	7500	2785	3	4.40x4.40	201	2200	49.26	540	44.06	40.59	4.92	5691	16.06	12.32	12.92	12.13	10.44
4610 (8x2)	1426	Die.	8190	3095	3	4.40x4.40	201	2200	52.52	540	46.72	44.51	5.17	6402	16.78	13.17	13.96	13.25	11.60
4610 (8x4)	1427	Die.	8230	3085	3	4.40x4.40	201	2200	52.32	540	47.30	43.26	5.62	6534	16.83	13.05	13.53	12.77	11.18
5610 (16x4)	1428	Die.	9700	2325	4	4.40x4.20	256	2100	62.54	540	60.58	54.63	5.69	7408	15.57	12.38	12.82	12.44	10.30
5610 (16x8)	1429	Die.	9545	3130	4	4.40x4.20	256	2100	62.57	540	59.99	53.70	6.57	7578	15.45	12.11	12.93	12.03	10.09
6610 (16x4)	1430	Die.	9700	2270	4	4.40x4.40	268	2100	72.13	540	68.27	61.17	5.62	7887	15.64	13.14	13.40	12.90	10.77
6610 (16x8)	1431	Die.	9700	2850	4	4.40x4.40	268	2100	72.30	540	69.20	62.64	6.49	7948	15.43	12.91	13.18	12.84	10.87
7610 (16x4)	1432	Die.	10800	2220	4	4.40x4.40	268	2100	86.95	1000	86.79	74.22	5.53	8804	15.75	12.44	13.36	12.29	10.35
7710 (16x8)	1433	Die.	10800	2150	4	4.40x4.40	268	2100	86.62	1000	86.55	73.24	6.42	8638	15.87	12.60	13.67	12.26	10.35
TW-5	1514	Die.	14430	1340	6	4.40x4.40	401	2300	105.74	1000	96.83	95.27	8.52	12249	15.52	12.42	13.14	12.91	11.38
TW-10	1301	Die.	15190	2325	6	4.40x4.40	401	2300	110.24	1000	101.09	97.35	5.23	12006	14.86	11.50	12.17	11.91	10.20
TW-15	1515	Die.	16010	2755	6	4.40x4.40	401	2200	121.40	1000	117.83	107.24	8.09	13247	16.90	12.39	13.83	12.80	10.88
TW-15 FWD (2)	1536	Die.	16680	2310	6	4.40x4.40	401	2200	121.25	1000	115.58	107.35	5.21	15939	16.95	12.39	13.96	12.65	10.68
TW-20	1300	Die.	17180	3945	6	4.40x4.40	401	2200	135.60	1000	131.43	121.47	7.85	14155	16.22	11.78	13.08	12.04	10.09
TW-25	1516	Die.	17965	2530	6	4.40x4.40	401	2200	146.68	1000	135.70	126.73	5.25	14871	16.66	12.58	13.89	13.02	11.20
TW-30	1299	Die.	19830	5205	6	4.40x4.40	401	2200	163.28	1000	157.04	144.17	8.32	16553	16.76	12.49	13.67	12.58	10.79
TW-35	1517	Die.	20270	4090	6	4.40x4.40	401	2200	170.30	1000	166.67	147.49	5.30	17054	17.41	13.81	14.31	13.91	12.18
TW-35 FWD (2)	1537	Die.	20270	3130	6	4.40x4.40	401	2200	171.12	1000	162.55	147.55	5.44	18823	17.58	14.09	14.42	13.71	12.04
(1) Equipped with controlled, hydrostatic pto with 105 output horsepower at 1000 rpm (2) Drawbar test with front wheel assist engaged.																			
Hesston Fiat																			
466 12 Speed	1484	Die.	6670	950	3	3.94x4.33	158	2600	45.13	540	42.68	40.03	5.79	4969	16.74	12.41	13.66	12.87	10.95
480-8 DT and 480-8 12 & 8 Speed	1385	Die.	7805	2485	3	3.937x4.33	158	2600	42.58	540	40.36	37.07	5.07	5265	16.93	12.27	13.34	12.54	10.64
45-66DT	1579	Die.	5400	950	3	3.937x4.528	165	2500	39.49	540	37.97	31.74	4.68	4257	16.65	12.11	12.36	11.23	9.46
55-66DT	1560	Die.	6570	1105	3	3.937x4.528	165	2500	45.78	540	44.84	38.74	5.64	4608	16.36	12.77	12.98	12.80	11.27
60-66 DT	1531	Die.	7460	1580	3	4.094x4.527	178.8	2500	51.49	540	48.51	45.51	5.53	5515	17.13	13.11	14.19	13.30	11.38
70-66DT	1561	Die.	8705	2015	4	3.937x4.528	220.5	2500	62.72	1000	62.71	54.83	5.69	8320	17.20	13.67	14.64	13.61	11.54
70-90	1562	Die.	7775	490	4	3.937x4.527	220.5	2500	62.25	1000	61.94	54.64	5.62	6238	16.52	13.28	14.04	13.46	11.82
80-90	1563	Die.	9465	2155	4	4.094x4.527	238.5	2500	70.86	1000	69.25	61.52	5.56	7323	17.43	13.96	14.76	14.09	12.28

100 90	1580	Die	11580	1860	6	3.937x4.527	331	2500	91.52	1000	90.57	78.72	6.35	9911	16.24	12.93	13.62	12.76	10.68
666 12 Speed	1485	Die	8715	2425	4	3.937x4.33	211	2500	62.40	540	60.33	54.31	5.51	6611	17.00	13.00	13.79	13.20	11.73
680DT & 680 8 Speed	1352	Die	10000	2660	4	3.937x4.33	211	2500	62.47	1000	61.20	53.65	5.44	6252	17.40	14.19	14.80	14.20	12.45
780 DT and																			
780 8 Speed	1396	Die	10100	3920	4	4.055x4.33	224	2500	70.57	540	66.67	62.06	7.61	6965	16.71	13.96	13.72	13.86	12.26
80 66 DT	1532	Die	9400	2685	4	4.094x4.527	238.5	2500	70.43	1000	68.91	62.73	5.47	7245	17.22	14.08	14.96	14.21	12.66
880 DT 5 &																			
880 5 12 Speed	1352	Die	11560	2810	5	4.055x4.331	280	2500	81.32	1000	80.95	70.73	7.63	7554	16.27	13.23	13.50	13.44	11.65
980DT & 980 16 Speed	1354	Die	12645	3795	6	3.937x4.33	316	2400	91.12	996	91.12	77.42	5.00	8351	16.90	13.92	14.25	13.59	12.25
1180 DT Turbo	1450	Die	16885	1935	6	4.055x4.33	335	2550	107.48	1000	104.22	93.71	4.37	12905	16.40	12.54	14.16	12.74	10.42
1380DT, 1380	1409	Die	16995	1795	6	4.055x4.33	335	2400	123.16	1000	123.54	104.97	8.08	13105	16.49	13.30	13.60	13.01	11.62
130 90DT Turbo	1564	Die	16385	660	6	4.094x4.527	358	2500	107.48	1000	106.80	91.59	4.67	19850	16.43	12.07	13.83	12.17	9.85
140 90 DT Turbo	1533	Die	16425	375	6	4.094x4.527	358	2500	123.35	1000	122.83	105.81	5.05	12687	17.12	13.04	14.40	13.16	11.13
1580DT Turbo	1451	Die	19060	2460	6	4.528x5.118	494	2200	141.44	1000	136.14	124.15	5.48	15342	17.28	13.49	14.70	13.53	11.47
160 90 DT Turbo	1534	Die	18370	1075	6	4.528x5.118	494	2200	141.71	1000	143.91	122.23	5.32	13848	17.53	13.61	14.38	13.62	11.84
160 90 Powershift	1603	Die	18220	300	6	4.528x5.118	494	2200	142.64	1000	141.40	126.34	4.44	18256	16.69	12.96	13.92	12.93	11.10
1880DT, 1880	1410	Die	19710	3020	6	4.528x5.118	494	2200	162.48	1000	159.83	138.81	5.44	15656	17.35	13.87	14.53	13.58	12.07
180 90 DT Turbo	1535	Die	19725	2430	6	4.528x5.118	494	2200	162.87	1000	158.66	140.45	6.40	14713	17.86	14.13	14.82	14.25	12.29
180 90 Turbo P.S.	1581	Die	19570	1745	6	4.528x5.118	494	2200	162.15	1000	161.07	143.02	4.43	19734	16.77	13.07	14.03	13.30	11.06
International Harvester																			
Hydro 84	1316	Die	9120	3115	4	3.937x5.062	246	2400	58.73	540	56.68	43.59	7.60	6572	14.01	10.50	10.13	9.82	8.34
Hydro 86	1337	Die	10710	2545	6	3.875x4.375	310	2400	70.89	540	66.64	54.10	4.03	8815	14.18	10.23	9.92	9.55	8.24
284 8 Speed	1387	Die	3600	860	3	3.27x3.94	99	2600	27.47	540	23.92	23.52	5.71	2523	14.40	10.91	10.99	10.53	9.18
484 Utility	1312	Die	7710	2710	3	3.875x5.06	179	2200	42.42	540	41.79	38.06	4.78	5500	14.81	11.85	12.75	12.39	10.63
584 Utility & Rowcrop	1313	Die	8850	3185	4	3.875x4.38	206	2300	52.54	540	50.96	47.47	5.07	6859	15.23	12.34	13.41	12.95	11.10
684 Utility & Rowcrop	1314	Die	9660	3825	4	3.875x5.06	239	2400	62.52	540	58.75	55.92	5.29	6858	15.55	12.21	13.27	13.02	11.28
686 10 Speed	1336	Die	10340	2360	6	3.875x4.375	310	2000	66.36	543	66.36	58.81	5.08	8043	16.07	13.16	13.93	13.27	11.53
784 Rowcrop	1315	Die	9920	3830	4	3.937x5.062	246	2400	67.48	1000	64.09	58.65	5.18	8105	16.06	12.75	13.25	12.77	11.07
786 16 Speed	1388	Die	11930	340	6	3.875x5.0625	358	2400	80.20	1000	77.41	70.25	4.74	9968	15.72	11.40	12.72	11.88	10.00
884 Rowcrop	1376	Die	10150	3945	4	3.937x5.51	268	2400	72.91	1000	69.76	65.39	5.54	8116	15.76	12.47	13.48	12.91	11.05
886 16 Speed	1338	Die	13450	1710	6	3.875x5.063	358	2400	86.57	1000	83.91	76.25	4.69	10807	16.01	11.77	12.97	12.21	10.62
886 16 Speed (1)	1339	Die	13450	1710	6	3.875x5.063	358	2400	90.56	1000	88.23	80.13	4.69	10930	15.84	11.98	12.81	12.38	10.86
(1) Serial No. 2490208 U17026 and up.																			
3088 16 Speed	1551	Die	12500	560	6	3.875x5.062	358	2400	81.35	1000	80.28	71.20	5.16	10995	16.03	11.36	12.84	11.59	9.76
3288	1438	Die	13560	1800	6	3.875x5.062	358	2400	90.46	1000	88.33	80.72	6.11	11486	15.94	11.69	13.16	12.31	10.27
3388	1319	Die	17850	430	6	4.30x5.00	436	2400	130.61	1000	128.59	114.42	6.67	16764	16.85	12.00	13.52	12.17	10.09
3488 Hydro	1439	Die	13940	1060	6	4.30x5.35	466	2400	112.56	1000	107.11	83.43	6.50	12152	15.28	10.64	10.00	9.73	8.43
3588	1320	Die	18890	1270	6	4.30x5.35	466	2400	150.41	1000	152.07	130.94	6.65	17589	16.98	12.19	13.13	12.20	10.30
3688	1440	Die	14335	1135	6	4.30x5.00	436	2400	113.72	1000	112.48	100.28	7.36	12250	15.75	11.82	13.30	12.35	10.38
3788 12 Speed	1377	Die	20820	2200	6	4.30x5.35	466	2500	170.57	1000	166.39	146.43	7.49	19069	17.12	12.22	13.24	12.25	10.06
4786	1317	Die	34350	4150	8	5.31x4.50	798	2600	...	...	...	265.55	4.79	33468	...	...	12.80	11.92	9.86
5088 (2)	1419	Die	16250	240	6	4.30x5.00	436	2400	136.12	1005	136.12	121.17	5.06	14960	15.32	11.65	13.23	12.04	9.90
5288	1420	Die	18585	1530	6	4.30x5.35	466	2400	162.60	1005	162.60	142.37	5.27	17577	16.07	12.62	13.70	12.77	10.75
5488	1441	Die	20005	2765	6	4.30x5.35	466	2400	187.22	1005	187.22	164.82	5.27	18646	16.20	13.00	14.16	13.15	11.21
(2) Drawbar information is from test run with radial ply tires.																			
Kubota																			
L235	1406	Die	3715	1280	3	3.00x3.23	68	2600	19.59	540	19.63	16.05	4.68	2440	14.33	11.34	11.33	10.85	9.23
L275	1407	Die	4055	1430	3	3.23x3.23	79.3	2600	23.42	540	23.01	19.70	4.84	2717	14.57	11.55	11.62	11.07	9.95
L295DT and																			
L295 8 Speed	1370	Die	4700	1805	3	3.23x3.23	79.3	2800	26.46	540	24.91	22.82	4.34	3155	14.59	11.75	11.57	11.39	9.58
L305DT and																			
L305 8 Speed	1371	Die	5360	2070	3	3.23x3.23	79.3	2800	26.21	540	25.14	22.96	4.16	3918	13.83	11.14	11.15	11.13	9.46
L345DT and																			
L345 8 Speed	1372	Die	5435	2000	4	3.00x3.23	90.7	2800	29.35	540	28.80	26.72	4.62	3795	12.76	10.58	10.68	10.81	9.15
L2250 4WD	1585	Die	3130	530	3	3.23x3.23	79.3	2600	21.15	540	21.45	17.28	5.04	2103	17.18	13.38	13.46	12.36	10.67
L2550 4WD	1586	Die	3850	1100	3	3.35x3.23	85.1	2600	23.98	541	24.24	20.23	5.22	2446	16.52	13.37	13.27	12.39	10.55
L2850 4WD	1587	Die	4580	1615	4	3.23x3.23	105.7	2600	27.51	540	27.96	24.02	5.02	3143	16.98	13.07	13.49	12.68	10.92
L3350 4WD	1588	Die	5340	1155	4	3.35x3.23	113.6	2600	32.86	540	33.29	27.49	4.92	3434	17.13	13.52	13.32	12.78	11.08
L3750 4WD	1555	Die	5945	1530	5	3.35x3.23	142	2500	36.96	540	36.81	30.69	4.96	3641	16.56	13.32	13.29	12.49	10.69
L4150 4WD	1556	Die	6365	1840	5	3.35x3.23	142	2600	40.64	540	40.22	34.50	5.47	4257	17.12	13.24	13.14	12.81	11.07

Ten-Year Summary of Test Reports, 1979-1988

MAKE AND MODEL OF TRACTOR	Test No.	Fuel Used	Weight With Ballast	Lbs. Ballast Carried	ENGINE No. of Cylinders	ENGINE Bore and Stroke	ENGINE Displacement Cu. in.	ENGINE Rated RPM	Max. PTO HP at Rated Engine RPM	Std. PTO RPM	Max. PTO HP Std. PTO RPM	Max. Drawbar HP	MPH at Max. Dwbr. HP	Max. Lbs. Pull	Max. PTO HP at Std. PTO RPM	FUEL CONSUMPTION (HP Hours Per Gallon) at:- PTO Average at Varying Power	—Varying Drawbar Power— Max. Available Power	75% of Pull Max. Power	50% of Pull at Max. Power
M4030DT	1594	Die.	7375	2415	6	3.23x3.23	158.5	2600	44.05	540	44.08	36.91	6.02	4005	17.19	13.48	13.80	12.92	11.16
M4050DT and M4050 8 Speed	1495	Die.	7215	2275	6	3.23x3.23	158.5	2600	45.74	540	42.10	37.61	5.99	4259	15.06	11.57	11.67	11.52	9.88
M4500DT & M4500 16 Speed	1348	Die.	7800	2635	6	3.23x3.23	158.5	2600	49.72	540	44.49	42.50	6.16	4812	15.19	12.22	11.90	12.02	10.77
M4950DT & M4950 12 Speed	1496	Die.	8195	2395	6	3.35x3.23	170	2600	49.57	540	45.47	41.43	4.68	5292	14.70	11.21	11.49	11.15	9.26
M5030DT	1595	Die.	8120	2985	6	3.35x3.23	170	2600	49.77	540	48.94	42.00	4.90	4592	17.28	13.58	13.72	13.34	11.67
M5500DT and M5500 16 Speed	1369	Die.	8710	3210	3	4.134x4.528	182	2400	53.99	540	49.18	46.96	5.51	6287	16.22	12.44	13.05	12.77	11.05
M5950DT & M5950 12 Speed	1497	Die.	9220	3100	3	4.29x4.53	196	2400	58.00	540	52.81	49.29	5.09	5749	17.08	13.44	13.64	13.53	11.83
M6030DT	1596	Die.	8970	3590	3	4.29x4.53	196	2400	57.74	540	53.57	48.11	5.54	5330	16.96	13.32	13.28	13.32	11.68
M6950DT & M6950 12 Speed	1498	Die.	9575	2530	4	4.13x4.53	243	2400	66.44	540	63.96	56.74	5.02	6517	16.98	13.26	13.72	13.28	11.33
M7030DT	1597	Die.	9405	3205	4	4.13x4.53	243	2400	68.87	540	64.38	58.49	5.23	5896	17.43	13.68	14.03	13.80	11.97
M7500DT & M7500 16 Speed	1349	Die.	9510	3530	4	4.13x4.53	242	2400	72.34	540	66.54	61.29	6.65	6327	17.83	14.15	13.93	14.20	12.40
M7950DT & M7950 12 Speed	1499	Die.	10305	3205	4	4.29x4.53	262	2400	75.44	540	69.32	65.24	5.26	7244	17.14	13.57	13.88	13.82	11.93
M8030DT	1598	Die.	9970	3640	4	4.29x4.53	262	2400	76.91	540	70.47	64.37	6.97	6503	17.23	13.71	13.70	13.54	11.95
M8950DT	1557	Die.	12270	2540	4	4.29x4.53	262	2400	85.63	1005	85.63	71.13	7.53	7974	16.21	12.91	12.96	12.37	10.36
Leyland																			
472 & 272 9 Speed	1341	Die.	11990	4580	4	3.858x4.921	230	2200	63.52	540	58.50	53.27	5.91	7224	14.97	12.28	11.32	11.67	10.48
482 & 282 9 Speed	1340	Die.	12000	4590	4	3.858x4.921	230	2200	74.28	540	70.86	61.19	5.86	7032	17.58	12.63	12.70	12.10	10.09
Long																			
360	1298	Die.	6410	1930	3	3.74x4.33	143	2400	36.16	540	31.06	31.91	5.20	4808	14.41	11.97	12.45	12.13	10.48
510	1415	Die.	8210	3925	3	4.02x4.33	164.5	2400	49.15	540	46.91	43.27	5.14	6040	15.74	13.48	13.15	13.52	12.24
510DTC	1416	Die.	9100	3835	3	4.02x4.33	164.5	2400	49.35	540	46.41	41.37	4.63	5635	16.47	13.72	13.68	13.30	11.69
610	1417	Die.	8985	4290	4	4.02x4.33	219	2400	64.33	540	60.57	57.48	5.37	7018	15.93	13.46	13.58	13.51	11.92
Massey-Ferguson																			
MF154-4	1411	Die.	6920	1615	3	3.60x5.00	152	2250	42.52	540	40.38	35.40	4.52	4144	17.26	13.41	13.79	13.00	11.42
MF184-4 12 Speed	1392	Die.	7775	1395	4	3.875x5.00	236	2200	62.45	540	59.56	52.38	7.13	5500	16.41	12.37	12.61	12.11	10.69
MF205 6 Speed	1363	Die.	2840	935	2	3.46x3.46	65.2	2400	16.56	540	16.34	13.45	4.39	1995	12.97	9.62	9.98	9.65	8.03
MF205-4 6 Speed	1364	Die.	3120	905	2	3.46x3.46	65.2	2400	16.40	540	16.18	13.57	4.86	2131	12.83	9.69	10.04	9.57	8.02
MF210 12 Speed	1365	Die.	3550	1090	2	3.62x3.74	77.1	2500	21.96	540	21.23	18.08	5.81	2159	13.61	11.04	10.84	10.53	9.36
MF210-4 12 Speed	1366	Die.	3765	1030	2	3.62x3.74	77.1	2500	21.77	540	21.02	17.60	6.91	2158	13.18	10.75	9.97	10.44	8.61
MF220 12 Speed	1367	Die.	4220	1455	2	3.82x3.94	90.3	2500	26.37	540	25.52	23.95	4.34	3287	13.36	11.07	11.22	11.60	10.17
MF220-4 12 Speed	1368	Die.	4487	1307	2	3.82x3.94	90.3	2500	26.48	540	26.06	22.91	3.84	3496	14.09	11.56	11.09	11.55	10.02
MF240 8 Speed	1519	Die.	4985	770	3	3.60x5.00	152	2000	34.77	540	31.89	29.39	5.30	3824	16.10	13.18	13.72	13.35	11.59
MF250 8 Speed	1520	Die.	5760	1175	3	3.60x5.00	152	2250	40.86	540	36.93	35.07	5.81	4297	15.80	12.38	12.92	12.50	10.72
MF254 12 Speed	1478	Die.	7275	1790	3	3.60x5.00	152	2250	43.36	540	40.71	35.14	5.82	3844	16.58	13.43	12.84	12.51	10.62
MF270 8 Speed	1521	Die.	8195	1295	4	3.875x5.00	236	2000	55.85	540	52.75	47.08	4.96	5896	16.79	12.99	13.44	13.10	11.22
MF274 12 Speed	1479	Die.	8190	2205	4	3.875x5.00	236	2200	55.39	540	54.26	46.76	6.56	4719	17.25	12.80	13.76	12.66	10.59
MF290 12 Speed	1522	Die.	9070	3130	4	3.975x5.00	248	2200	65.92	540	59.37	56.36	6.44	7654	16.58	12.75	13.24	12.76	10.98
MF294 12 Speed	1480	Die.	8645	1925	4	3.975x5.00	248	2100	67.39	540	64.94	56.28	5.77	5665	17.58	14.53	14.68	13.95	12.54
MF298 8 Speed	1523	Die.	11040	3070	4	4.50x5.00	318	2000	79.54	1000	73.66	69.74	5.14	8712	16.31	12.88	13.47	13.14	11.55

Ten-Year Summary of Test Reports, 1979-1988

MAKE AND MODEL OF TRACTOR	Test No.	Fuel Used	Weight With Ballast	Lbs. Ballast Carried	ENGINE No. of Cylinders	Bore and Stroke	Displacement Cu. in.	Rated RPM	Max. PTO HP at Rated Engine RPM	Std. PTO RPM	Max. PTO HP Std. PTO RPM	Max. Drawbar HP	MPH at Max. Dwbr. HP	Max. Lbs. Pull	FUEL CONSUMPTION (HP Hours Per Gallon) at:- Max. PTO HP at Std. PTO RPM	PTO Average at Varying Power	—Varying Drawbar Power— Max. Available Power	75% of Pull Max. Power	50% of Pull at Max. Power
MF298 12 Speed	1524	Die.	10950	2935	4	4.50x5.00	318	2000	79.26	1000	74.25	67.85	7.73	8663	15.72	11.93	12.40	12.39	10.79
MF670 & 270 12 Speed	1538	Die.	9200	480	4	3.875x5.00	236	2000	55.62	1000	51.44	46.05	4.87	6382	16.39	12.37	12.93	12.10	10.26
MF690 12 Speed	1539	Die.	10795	2275	4	3.975x5.00	248	2200	65.68	540	62.25	54.78	4.77	7650	15.51	11.96	12.01	11.79	9.82
MF698 12 Speed	1540	Die.	12125	2185	4	4.50x5.00	318	2000	78.83	540	74.41	68.38	4.56	8707	15.91	11.91	12.55	12.24	10.59
MF699 12 Speed	1541	Die.	12935	2610	6	3.875x5.00	354	2200	85.79	540	78.00	71.71	4.69	8718	16.96	12.87	13.51	12.66	10.64
MF1020	1552	Die.	2930	700	3	2.953x3.347	68.7	2350	17.08	540	16.24	14.59	5.01	1771	12.53	10.51	10.36	10.44	9.39
MF1030	1553	Die.	3915	925	3	3.228x3.543	87	2500	23.35	540	22.80	18.66	5.70	2277	12.97	10.31	10.04	9.82	8.30
MF1040	1554	Die.	4715	915	3	3.622x3.937	121.7	2500	27.73	540	25.80	22.57	5.52	2795	12.98	10.01	10.07	9.53	7.84
MF2640 16 Speed	1481	Die.	16380	3945	6	3.875x5.00	354	2400	90.95	1000	87.60	74.83	6.58	10623	15.81	11.67	12.15	11.46	9.70
MF2675 8 Speed	1321	Die.	14280	1930	6	3.875x5.00	354	2500	100.84	1000	95.00	86.18	5.91	10226	15.00	11.14	11.48	11.57	10.01
MF2675 24 Speed	1309	Die.	14495	2065	6	3.875x5.00	354	2500	103.29	1000	96.67	87.47	5.09	9674	15.43	11.56	11.76	11.49	9.95
MF2705 8 Speed	1322	Die.	16800	4295	6	3.875x5.00	354	2500	121.11	1000	114.44	101.47	6.17	12588	16.84	11.22	12.54	11.30	9.45
MF2705 24 Speed	1310	Die.	17490	4895	6	3.875x5.00	354	2500	122.20	1000	115.85	104.23	5.30	13085	16.65	11.22	12.74	11.27	9.23
MF2745	1311	Die.	19490	4300	8	4.25x4.75	539	2600	143.40	1000	132.21	125.17	5.51	15386	15.40	10.62	11.96	11.13	9.39
MF2775 8 Speed	1389	Die.	20170	4365	8	4.63x4.75	640	2600	162.09	1000	146.87	139.68	5.73	16766	15.78	11.19	12.45	11.68	9.56
MF2805 8 Speed	1399	Die.	21430	5395	8	4.63x4.75	640	2500	190.81	1000	186.29	164.58	5.41	17647	16.59	10.97	12.41	11.43	9.58
MF3505 16 Speed	1511	Die.	13195	260	6	3.875x5.00	354	2400	91.50	1000	87.47	74.79	6.54	8344	15.53	11.40	11.55	10.90	9.19
MF3525 16 Speed	1512	Die.	14645	1545	6	3.875x5.00	354	2400	108.01	1000	103.67	91.22	6.45	9322	16.67	11.65	12.65	11.53	9.31
MF3545 16 Speed	1513	Die.	17235	3935	6	3.875x5.00	354	2400	126.72	1000	122.15	105.16	6.82	10563	17.01	12.11	12.96	11.47	9.64
MF4800 12 & 18 Speed	1342	Die.	30520	0	8	5.5x4.75	903	2600	179.31	1000	172.88	159.08	4.82	25294	15.10	10.12	12.13	10.73	8.39
MF4840 12 & 18 Speed	1343	Die.	30920	0	8	5.5x4.75	903	2600	210.67	1000	210.61	186.36	4.84	28191	15.57	10.77	12.41	11.25	9.32
MF4880 12 & 18 Speed	1344	Die.	32450	1360	8	5.5x4.75	903	2600	272.81	1000	267.38	244.57	6.54	29272	16.80	11.51	13.50	11.98	9.58
MF4900 18 Speed	1391	Die.	33940	2975	8	5.5x4.75	903	2600	320.55	1000	323.88	278.78	6.53	30090	16.80	11.95	13.26	11.82	9.87
Satoh S750DD & S750D 9 Speed	1347	Die.	5550	1620	3	3.386x4.016	108.4	2500	33.45	540	28.11	28.99	5.93	4295	11.92	10.89	9.86	11.18	9.58
Steiger Bearcat 1000	1592	Die.	28575	0	6	4.75x6.00	638	2100	218.00	1001	218.00	195.49	4.45	28566	16.61	13.41	14.68	13.57	11.60
Cougar 1000	1593	Die.	31270	2820	6	4.75x6.00	638	2100	259.96	1001	259.96	230.18	6.59	30981	---	---	15.17	14.31	12.53
Bearcat III ST-225(1)	1414	Die.	30005	465	6	4.75x6.00	638	2100	---	---	---	197.69	5.47	28805	---	---	13.99	13.54	11.65
Bearcat IV KM-225	1542	Die.	33830	5430	6	4.921x5.354	611	2100	---	---	---	193.11	4.18	31556	---	---	16.43	15.28	13.12
Cougar CR-1225	1577	Die.	29190	0	6	4.75x6.00	638	2100	208.61	999	208.61	184.83	5.16	29570	16.46	13.29	14.40	13.46	11.44
Cougar CR-1280	1578	Die.	29600	0	6	4.75x6.00	638	2100	258.15	999	258.15	231.19	5.19	28708	17.19	14.18	15.18	14.30	12.36
Cougar III ST-250(2)	1452	Die.	29965	0	6	4.75x6.00	638	2100	---	---	---	215.98	6.11	29539	---	---	15.16	14.40	12.76
Cougar III PTA-280	1402	Die.	33675	2895	6	5.50x6.00	855	2100	---	---	---	224.92	5.54	32625	---	---	13.74	12.54	10.44
Cougar III PTA-280	1413	Die.	33150	2370	6	5.40x6.50	893	2100	---	---	---	236.55	7.07	32085	---	---	14.24	13.14	11.19
Cougar III ST-280	1401	Die.	33105	2625	6	5.50x6.00	855	2100	---	---	---	236.82	5.37	31517	---	---	14.55	13.20	11.05
Cougar III ST-280	1412	Die.	33345	2705	6	5.40x6.50	893	2100	---	---	---	246.13	6.28	32099	---	---	14.85	13.76	11.69
Panther III PTA-325	1355	Die.	33960	3140	6	5.40x6.50	893	2100	---	---	---	274.88	5.34	31876	---	---	14.26	13.45	11.55
Panther IV KM-325	1543	Die.	33715	3955	6	5.50x6.00	855	2100	---	---	---	285.67	6.78	32565	---	---	16.04	14.79	13.00
Panther IV CM-360	1544	Die.	33740	3815	6	5.40x6.50	893	2100	---	---	---	324.84	6.73	32328	---	---	15.96	15.15	13.29
Panther IV SM-325	1550	Die.	33930	5030	6	4.921x5.906	674	2100	---	---	---	278.09	6.78	33651	---	---	17.12	15.98	14.22
Panther CP-1325 12-Speed	1453	Die.	35870	410	6	5.40x6.50	893	2100	299.10	1002	299.10	266.97	6.95	33802	16.55	13.59	14.71	13.86	11.95
Panther CP-1360 12-Speed	1455	Die.	39120	3860	6	5.40x6.50	893	2100	334.33	1002	334.33	294.07	6.89	36123	16.75	13.78	14.60	13.81	11.85

Panther CP 1400																			
12 Speed	1464	Die	43615	7165	6	5.40x6.50	893	2100	—	—	—	334.94	8.17	40272	—	—	14.92	14.12	12.07
Panther KP 1325																			
12 Speed	1465	Die	35815	605	6	5.50x6.00	855	2100	301.21	1002	301.21	267.87	6.93	34267	17.36	13.97	15.58	14.15	11.84
Panther KP 1360																			
12 Speed	1456	Die	39570	4090	6	5.50x6.00	855	2100	326.12	1002	326.12	291.14	6.92	36771	17.39	14.15	15.45	14.27	12.15
Panther KP 1400																			
12 Speed	1463	Die	43175	6640	6	5.50x6.00	855	2100	—	—	—	333.18	4.82	40803	—	—	15.87	14.54	12.10

(1) SN. 109-00328 and higher (2) SN. 104-00331 and higher (3) Equipped with hydrostatic PTO 105HP at 1000 RPM.

Valmet																			
980 4x4	1599	Die	13265	5000	4	4.01x4.72	239	2300	88.01	540	80.55	78.04	6.71	10722	18.23	13.14	14.35	13.19	11.26
148 4x4	1600	Die	16830	5920	6	4.01x4.72	359	2300	126.89	1000	127.11	110.09	4.94	13574	16.92	13.63	14.29	13.29	11.71
Versatile																			
256 Hydrostatic	1518	Die	10460	1310	4	4.02x4.72	239	2500	84.36	540	85.08	62.81	5.49	9134	16.45	12.67	11.82	11.07	9.52
276 Hydrostatic	1565	Die	10510	1310	4	4.02x4.72	239	2500	100.22	540	102.14	70.91	5.61	7892	16.50	12.86	11.37	10.25	8.63
555	1331	Die	25980	6330	8	4.625x4.125	555	2850	182.25	1000	184.35	154.20	4.56	23533	16.33	11.15	12.96	11.17	8.83
835 12	1356	Die	26000	3720	6	5.50x6.00	855	2100	198.23	1009	198.23	179.07	6.13	26380	15.13	11.36	13.16	11.87	9.70
835 Series 3 12 Speed SN. 835-83-036769 & higher	1482	Die	27980	3595	6	5.50x6.00	855	2100	200.30	1009	200.30	181.14	5.34	25687	15.84	11.86	14.45	12.74	10.45
836 Manual	1566	Die	25960	1300	6	4.921x5.354	611	2100	192.54	1008	192.54	170.56	4.83	24123	17.71	13.80	15.59	14.11	11.99
836 Powershift	1567	Die	25995	1535	6	4.921x5.354	611	2100	181.04	997	181.04	161.45	6.77	24723	16.65	12.56	14.80	13.34	11.24
856 Powershift	1568	Die	28000	2920	6	4.921x5.354	611	2100	209.28	997	209.28	185.04	5.88	26479	17.24	13.22	15.35	13.59	11.40
875	1332	Die	29480	4160	6	5.50x6.00	855	2100	247.16	1008	247.16	221.66	4.86	26795	16.06	12.02	14.35	12.53	10.34
875 Series 3 12 Speed SN. 875-83-057906 & higher	1483	Die	29500	3870	6	5.50x6.00	855	2100	252.67	1008	252.67	227.48	5.65	26725	16.82	13.06	15.25	13.73	11.82
876 Manual	1569	Die	29500	4540	6	4.921x5.354	611	2100	—	—	—	233.92	6.53	27703	—	—	16.85	15.68	13.65
895 12 Speed	1335	Die	32500	7880	6	5.50x6.00	855	2100	—	—	—	261.63	6.45	29402	—	—	15.15	13.72	11.57
936 Manual	1570	Die	32385	5260	6	5.50x6.00	855	2100	—	—	—	260.45	6.78	29495	—	—	15.47	14.04	12.09
1150 8 Speed	1462	Die	46500	11360	6	6.25x6.25	1150	2100	—	—	—	400.29	5.92	43219	—	—	15.84	14.64	12.35
White																			
2-30 8 Speed	1373	Die	3853	848	3	3.386x3.386	91.4	2600	28.33	540	24.50	25.81	8.35	2816	12.03	10.27	10.77	11.42	9.61
2-35 8 Speed	1374	Die	3970	800	3	3.386x4.02	108.4	2400	32.84	540	30.94	30.37	8.00	2978	12.68	10.86	11.23	11.73	10.35
2-45 20 Speed	1395	Die	6630	660	4	3.858x3.62	169.3	2250	43.73	540	36.62	37.32	3.97	4455	12.70	11.15	10.96	11.00	9.66
2-55 16 Speed	1466	Die	7055	860	4	4.02x3.94	199.4	2200	53.32	540	45.74	48.49	4.88	5037	14.89	12.38	13.35	13.21	11.39
2-62 20 Speed	1396	Die	6875	635	4	4.016x4.33	219	2200	61.46	540	54.25	51.63	6.05	4695	16.31	13.85	13.76	13.49	12.08
2-65 16 Speed	1467	Die	7110	790	4	4.02x4.65	235	2200	62.50	540	55.40	56.67	6.51	4827	16.19	12.91	13.94	13.20	11.29
2-75 16 Speed	1486	Die	9625	1705	6	4.016x4.33	329	2200	75.39	1000	75.64	65.05	6.04	6487	15.86	12.07	13.01	12.21	10.48
2-88 18 Speed	1487	Die	13615	0	6	3.875x5.00	354	2200	86.78	1007	86.78	74.67	6.51	9486	15.71	12.69	13.62	12.74	10.79
100	1614	Die	14485	545	6	4.02x4.72	359	2400	94.35	1000	93.48	82.57	5.97	13629	14.97	11.86	12.77	11.88	10.15
2-110 18 Speed	1468	Die	13955	0	6	3.875x5.00	354	2200	110.52	1007	110.52	94.90	6.40	9500	16.77	13.27	14.19	13.08	10.84
120	1615	Die	15315	850	6	4.02x4.72	359	2200	119.13	1000	121.94	104.69	6.62	14286	16.94	13.11	14.76	13.57	11.49
140	1616	Die	15665	1000	6	4.02x4.72	359	2200	138.53	1000	140.30	125.01	6.17	15060	17.49	14.29	15.39	14.58	12.62
160	1607	Die	18850	1560	6	4.49x5.32	504.5	2200	162.47	1000	165.97	142.74	6.24	18055	17.78	14.36	15.45	14.34	12.29
4-175 Field Boss	1375	Die	20420	0	8	4.50x5.00	636	2600	151.69	1000	151.29	133.72	6.39	19905	15.50	11.70	12.96	11.98	10.01
185	1608	Die	18770	1620	6	4.49x5.32	504.5	2200	187.55	1000	192.38	167.72	6.18	18318	17.35	14.19	15.21	14.34	12.40
4-210 Field Boss	1318	Die	23735	0	8	4.50x5.00	636	2800	182.44	1000	182.44	162.25	5.89	22934	14.26	11.53	12.34	12.10	10.25
4-225	1558	Die	24140	0	8	4.50x5.00	636	2600	195.65	1002	195.65	170.57	5.47	22865	15.60	12.06	13.64	12.42	10.44
4-270	1559	Die	30650	0	6	4.75x6.00	638	2100	239.25	1000	242.30	211.70	6.60	27180	16.69	13.60	14.53	13.53	11.90
Yanmar																			
YM226D	1442	Die	3380	1080	3	2.95x3.35	68.7	2600	19.42	540	17.87	16.14	4.78	2073	15.07	11.67	11.92	10.93	9.26
YM276D	1443	Die	4110	1405	3	3.31x3.35	86.2	2600	23.00	540	22.82	18.93	5.78	2412	14.35	11.06	11.08	10.57	8.90
YM336D	1444	Die	5020	1615	3	3.31x3.54	91.3	2600	26.98	540	25.63	23.00	6.28	3086	14.27	11.32	11.39	10.66	9.64
Zetor																			
5245/5211	1571	Die	7295	385	3	4.02x4.33	164.6	2200	42.51	540	40.10	38.84	5.79	5955	16.56	13.17	14.59	13.83	12.10
6245 (6211)	1601	Die	8535	885	4	3.94x4.33	211	2200	53.09	540	50.23	47.43	5.57	6332	16.82	13.51	14.36	13.90	12.33
7245/7211	1572	Die	8565	725	4	4.02x4.33	219	220	58.28	540	54.91	52.52	5.95	6356	16.06	13.04	13.84	13.34	11.50
7745 (7211)	1602	Die	10360	2455	4	4.02x4.72	239	2200	65.74	540	62.17	57.56	6.63	7484	17.01	13.94	14.30	13.72	12.05